



Brochures of Coral RF

## LORA Product

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# Lora RF Product



N411AS

RF data rate: 0.018 to 37.5 kbps  
RF output power: +19dBm  
RF sensitivity: -148 dBm  
Modulation: Lora  
Frequency: 410Mhz-510Mhz  
RF pin  
Interfaces: SPI  
Dimension: 17 x 16 x 3 mm  
Operating voltage: 2-3.6V  
Consumption (Sleep): 1uA  
RF chip: Semtech SX1278  
Mounting: SMD



N419AS

RF data rate: 1.2 to 37.5 kbps RF  
output power: +19dBm  
RF sensitivity: -148 dBm  
Modulation: Lora  
Frequency: 820MHz to 960MHz  
RF pin  
Interfaces: SPI  
Dimension: 17 x 16 x 3 mm  
Operating voltage: 2-3.6V  
Consumption (Sleep): 1uA  
RF chip: Semtech SX1272  
Mounting: SMD



N412AS

RF data rate: 1.2 to 37.5 kbps  
RF output power: +19dBm  
RF sensitivity: -131 dBm  
Modulation: Lora  
Frequency: 410Mhz-510Mhz  
RF pin  
Interfaces: SPI,UART,IIC  
Dimension: 29 x 21 x 3 mm  
Operating voltage: 2-3.6V  
Consumption (Sleep): 1uA  
Chip: SX1278,MCU  
Mounting: SMD



N410AS

RF data rate: 1.2 to 37.5 kbps  
RF output power: +19dBm  
RF sensitivity: -131 dBm  
Modulation: Lora  
Frequency: 860MHz to 960MHz  
RF pin  
Interfaces: SPI,UART,IIC  
Dimension: 29 x 21 x 3 mm  
Operating voltage: 2-3.6V  
Consumption (Sleep): 2uA  
RF chip: SX1272  
Mounting: SMD



N414AS

RF data rate: 1.2 to 37.5 kbps  
RF output power: +29dBm  
RF sensitivity: -131 dBm  
Modulation: Lora  
Frequency: 410Mhz-510Mhz  
RF pin  
Interfaces: SPI,UART,IIC  
Dimension: 36 x 24 x 3 mm  
Operating voltage: 2-3.6V  
PA Operating voltage: 2V-5V  
Consumption (Sleep): 1uA  
Chip: SX1278,MCU  
Mounting: SMD



N416AS

RF data rate: 1.2 to 37.5 kbps  
RF output power: +27dBm  
RF sensitivity: -121 dBm  
Modulation: Lora  
Frequency: 410Mhz-510Mhz  
RF pin  
Interfaces: SPI,UART,IIC  
Dimension: 36 x 24 x 3 mm  
Operating voltage: 2-3.6V  
PA Operating voltage: 2.4V-6V  
Consumption (Sleep): 2uA  
RF chip: Semtech SX1272,MCU  
Mounting: SMD



N417AS

RF data rate: 1.2 to 37.5 kbps  
 RF output power: +27dBm  
 RF sensitivity: -131 dBm  
 Modulation: LoRa  
 Frequency: 860Mhz-960Mhz  
 RF pin  
 Interfaces: SPI,UART,IIC  
 Dimension: 36 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 PA Operating voltage: 2V-6V  
 Consumption (Sleep): 1uA  
 Chip: SX1272,MCU  
 Mounting: SMD



N418AS

RF data rate: 1.2 to 37.5 kbps  
 RF output power: +33dBm  
 RF sensitivity: -131 dBm  
 Modulation: LoRa  
 Frequency: 860Mhz-960Mhz  
 RF pin,IPEX  
 Interfaces: SPI,UART,IIC  
 Dimension: 42 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 PA Operating voltage: 2.4V-6V  
 Consumption (Sleep): 2uA  
 RF chip: Semtech SX1272,MCU  
 Mounting: SMD



N419BS

RF data rate: 1.2 to 37.5 kbps  
 RF output power: +19dBm  
 RF sensitivity: -131 dBm  
 Modulation: LoRa  
 Frequency: 860Mhz-960Mhz  
 RF pin  
 Interfaces: SPI  
 Dimension: 17 x 16 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 Chip: SX1276  
 Mounting: SMD



N421AS

RF data rate: 1.2 to 37.5 kbps  
 RF output power: +33dBm  
 RF sensitivity: -131 dBm  
 Modulation: LoRa  
 Frequency: 860Mhz-960Mhz  
 RF pin,IPEX  
 Interfaces: SPI  
 Dimension: 36 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 PA Operating voltage: 2.4V-6V  
 Consumption (Sleep): 2uA  
 RF chip: Semtech SX1272  
 Mounting: SMD



N401AS

RF data rate: 0.018 to 62.5 kbps  
 RF output power: +21dBm  
 RF sensitivity: -148 dBm  
 Modulation: LoRa  
 Frequency: 820MHz to 960MHz  
 (Option:410Mhz-510Mhz,164Mhz-192Mhz)  
 RF pin  
 Interfaces: SPI  
 Dimension: 19 x 15 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1262  
 Mounting: SMD



N416AS

RF data rate: 0.018 to 62.5 kbps  
 RF output power: +27dBm  
 RF sensitivity: -148 dBm  
 Modulation: LoRa  
 Frequency: 860MHz to 960MHz  
 (Option:410Mhz-510Mhz,164Mhz-192Mhz)  
 RF pin  
 Interfaces: SPI,UART,IIC  
 Dimension: 36 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 PA Operating voltage: 3-6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1262  
 Mounting: SMD



N404AS

RF data rate: 0.018 to 62.5 kbps  
 RF output power: +30dBm  
 RF sensitivity: -148 dBm  
 Modulation: LoRa  
 Frequency: 820MHz to 960MHz  
 (Option:410Mhz-510Mhz,164Mhz-192Mhz)  
 RF pin  
 Interfaces: SPI,UART,IIC  
 Dimension: 36 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 Operating voltage: 2-6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1262,MCU  
 Mounting: SMD



N405AS

RF data rate: 0.018 to 62.5 kbps  
 RF output power: +33dBm  
 RF sensitivity: -148 dBm  
 Modulation: LoRa  
 Frequency: 820MHz to 960MHz  
 (Option:410Mhz-510Mhz,164Mhz-192Mhz)  
 RF pin  
 Interfaces: SPI,UART,IIC  
 Dimension: 36 x 24 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1262,MCU  
 Mounting: SMD



N406AS

RF data rate: 1.2 to 2000 kbps  
 RF output power: +12.5dBm  
 RF sensitivity: -132 dBm  
 Modulation: LoRa,FSK  
 Frequency: 2400MHz to 2480MHz  
 PCB antenna,IPEX  
 Interfaces: SPI  
 Dimension: 25 x 16 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1280  
 Mounting: SMD



N408AS

RF data rate: 1.2 to 2000 kbps  
 RF output power: +12.5dBm  
 RF sensitivity: -132 dBm  
 Modulation: LoRa,FSK  
 Frequency: 2400MHz to 2480MHz  
 PCB antenna,IPEX  
 Interfaces: SPI,UART,IIC  
 Dimension: 30 x 20 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1280,MCU  
 Mounting: SMD



N409AS

RF data rate: 1.2 to 2000 kbps  
 RF output power: +24dBm  
 RF sensitivity: -132 dBm  
 Modulation: LoRa,FSK  
 Frequency: 2400MHz to 2480MHz  
 PCB antenna,IPEX  
 Interfaces: SPI,UART,IIC  
 Dimension: 30 x 20 x 3 mm  
 Operating voltage: 2-3.6V  
 Consumption (Sleep): 1uA  
 RF chip: Semtech SX1280,MCU  
 Mounting: SMD



**For questions please contact with us!**

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